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EL675023505US

PTO/SB/05 (11-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
through 10/31/2002. OMB 0651-0032

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. PF020110

First Inventor Vincent Demoulin, et al.

Title PROCESS FOR SELECTING A TRANSMISSION CHANNEL AND
RECEIVER OF SIGNALS WITH ANTENNA DIVERSITY

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APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 8]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 1]
5. Oath or Declaration [Total Pages]
 - a. ☐ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure ☒ Copies of IDS
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☒ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

Prior application information: Examiner _____

of prior application No: _____ / _____

Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name	JOSEPH S. TRIPOLI				
	THOMSON MULTIMEDIA LICENSING INC.				
Address	2 INDEPENDENCE WAY				
	P. O. BOX 5312				
City	PRINCETON	State	NJ	Zip Code	08543-5312
Country	USA	Telephone	(317)-587-4019	Fax	(317) 587-6794

Name (Print/Type)	Vincent E. Duffy	Registration No. (Attorney/Agent)	39,964
Signature		Date	4/5/03

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**FEE TRANSMITTAL
for FY 2001**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 750**Complete If Known**

Application Number	Not known
Filing Date	September 5, 2003
First Named Inventor	Vincent Demoulin, et al.
Examiner Name	NA
Group / Art Unit	NA
Attorney Docket No.	PF020110

METHOD OF PAYMENT (check one)

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit
Account
Number

07-0832

Deposit
Account
Name

THOMSON MULTIMEDIA LICENSING INC.

- ☒
- Charge Any Additional Fee Required
-
- Under 37 CFR 1.16 and 1.17
-
- ☐
- Applicant claims small entity status.
-
- See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Credit card ☐ Money
Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	750
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1)

(\$ 750)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid	
5	-20 = 0	X 18	= 0	
Independent Claims	2	-3 = 0	X 80	= 0
Multiple Dependent		X	= 0	

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ 0)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	130	123	130	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

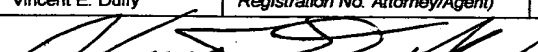
Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 0)

SUBMITTED BY**Complete (if applicable)**

Name (Print/Type)	Vincent E. Duffy	Registration No. Attorney/Agent)	39,964	Telephone	317-587-4019
Signature				Date	7/5/03

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Patent No. _____

Atty/: Vincent E. Duffy
TH ANTENNA DIVERSITY

APPLICATION AS FILED

Enter Date	Enter Number	Check Type	Check Items Mailed with Application
App. Mailed	2	X	Original-US Nat'l Declaration
	0	<input type="checkbox"/>	Divisional Statement under CFR § 1.56-013M
Sept. 5, 2003	2	<input type="checkbox"/>	Continuation Assignment & Recordation Sheet
	5	<input type="checkbox"/>	C/PARCE Preliminary Amendment
	1	<input type="checkbox"/>	Reissue Priority Document - X
	1	<input checked="" type="checkbox"/>	IDS 1449 with 4 References Re-Exam Utility Application Transmittal X
		<input type="checkbox"/>	US Provisional
750 Charge		<input type="checkbox"/>	Fee Transmittal Sheet in duplicate X
Mailed	Due	AMENDMENTS	Mailed Due
		After Rejection	APPEALS Notice of Appeals
		After Final Rejection	Appeal Brief
		After Allowance U/R312	Reply Brief
		Supplemental	Pet. To Withdraw.
		Voluntary	REQUESTS
		Letter to Exam/Draftsperson w/Drawing Correction(s)	Ext Time\$1.138(b)
		Pg(s) of Formal Dwgs.	Cert. of Correction
		OTHER	OTHER
		Lic. To For. File	Statement NASA
		Reg. Priority 35USC119	Terminal Disclaimer
		Statement DOE	Claim Disclaimer
		Statement under § 1.56	Status Letter
		IDS w/ references	Declaration
		Certificate of Mailing	Suppl. Declaration
			Missing Parts Letter

Express Mail Application
Label No.: EL675023505US
Date Deposited: September 5, 2003

Charge	Due	Fees
		Filing Fee Exp. Mail 750
		Issue Fee
		Ext Time§ 1.138(a)
		Add.Payment of Fee
		Fee Trans. Form in dupluc.
TOTAL FEE AMT. 750	Charge	
		OTHER
		Appointment Atty./Agent
		Assignment & Record form
		Letter to PO
		Notif. of Foreign Ref.
		Correction Of Record